

Title (en)
Insulating articles with high surface electrical resistivity and flame resistance.

Title (de)
Flammfeste isolierende Gegenstände, mit hohem Oberflächenwiderstand.

Title (fr)
Articles isolant avec une résistivité superficielle élevée, résistant à la flamme.

Publication
EP 0650171 A2 19950426 (EN)

Application
EP 94116940 A 19941026

Priority
IT MI932264 A 19931026

Abstract (en)
Disclosed are electrical insulating polymer articles having high surface electrical resistivity and high flame resistance essentially composed of a composition comprising from 55% to 90% by weight of one or more thermoplastic polymers or polymers with elastomeric properties, and from 10% to 45% by weight of one or more phosphoric, pyro- or polyphosphoric acid salts of amine compounds selected from piperazine, melamine, pirazine, pyrimidine, or hexahydropyrimidine and their derivatives.

IPC 1-7
H01B 3/18

IPC 8 full level
C08J 5/18 (2006.01); **C08J 5/00** (2006.01); **C08K 5/00** (2006.01); **C08K 5/3462** (2006.01); **C08K 5/3492** (2006.01); **C08K 5/52** (2006.01); **C08L 101/00** (2006.01); **H01B 3/18** (2006.01); **H01B 3/30** (2006.01); **H05K 1/03** (2006.01)

CPC (source: EP)
C08K 5/0008 (2013.01); **C08K 5/3462** (2013.01); **C08K 5/34928** (2013.01); **H01B 3/18** (2013.01); **H05K 1/0353** (2013.01)

C-Set (source: EP)
C08K 5/0008 + C08L 23/16

Cited by
EP2194091A1; EP1347477A3; US5998503A; US6015510A; DE102007055260A1; WO2010063748A1; DE102007039560A1; EP2028227A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
EP 94116940 A 19941026; CA 2118340 A 19941018; DE 69431422 T 19941026; IT MI932264 A 19931026; JP 26288994 A 19941026